



State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER QUALITY

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Reply to:

State of Utah

Division of Water Quality

Department of Environmental Quality

Salt Lake City, Utah 84114-4870

November 20, 1991

D. Wayne Hedberg
Permitting Supervisor
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: Sedimentation Pond Upgrade

Dear Mr. Hedberg:

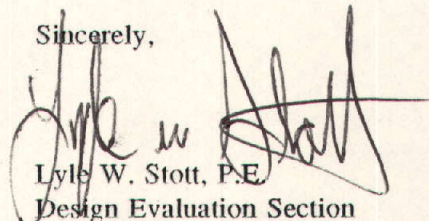
Tenneco Minerals constructed a sedimentation pond down gradient from the Goldstrike facilities to contain storm water runoff. This pond was approved by the Division of Oil Gas and Mining. The structure does not contain 100 year, 24-hour storm water runoff nor remove sediments. Tenneco now plans to convert the sedimentation pond into a containment structure.

In a phone conversation with Mr. Holland Shepherd of your office, we discussed the following required improvements to the sedimentation pond:

1. The sedimentation pond must contain only storm runoff from the Goldstrike facilities generated by a 100-year, 24-hour storm event.
2. The dike must be lined to reduce leakage rates so the solids in storm water runoff are reduced to 25 milligrams per liter prior to entering the receiving stream.
3. A filter layer should be installed between the existing dike and the proposed clay layer to prevent water channeling and eroding the clay.

If you have any questions, or wish to discuss this issue further, please let me know.

Sincerely,


Lyle W. Stott, P.E.
Design Evaluation Section

LWS:rvg

cc: Mr. Wayne Thomas, Southwest Health Department

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